



**SOUTH AUSTRALIAN SOCIETY OF MODEL
& EXPERIMENTAL ENGINEERS**

RETURN THIS BOOK PROMPTLY TO LIBRARY.

S.A.S.M.E.E. BULLETIN

1927 ----- 2010

**THE OFFICIAL JOURNAL OF
THE SOUTH AUSTRALIAN SOCIETY OF
MODEL & EXPERIMENTAL ENGINEERS INC.**

MARCH 2010

ISSN/0155/3700

HAPPENINGS

By J.M.

Since our last bulletin, I hope all members and their families have had a safe and Happy Xmas and New Year and I'm sure with a new year's resolution to build more models. We had an excellent Xmas barbeque night, to enjoy each other's company, play trains or run a boat was a good way to start the festive season and I would also like to commend everyone for the added participation on public field days as this makes it more enjoyable and relaxing.

One of our members Les Smith is moving back to Western Australia to retire and probably be running his loco at Castledare. We all wish Les and his wife well for the future and I'm sure he'll keep in touch with a few of the members

John Babi has made an excellent job of a frequency peg board for the boat pond operators to minimise radio interference.

We had a detailed talk by John Mere about the trains in the Pilbara and the complexities involved being a driver of such large trains.

A detailed tour of The Advertiser was given and thoroughly enjoyed by all who went, and there's sure to be some more tours in 2010.

On the sick list is Alex Mitropoulos who has had some time in hospital and in time will be running around again.

SASMEE also had some hot days to contend with and a total fire ban on the 20th February run day, where the electric and Diesel loco's became the important people movers with great success. Ian Thomas was seen pulling six carriages of people per ride and no one missed out on a ride.

John Lewis has been made a life member for the enormous contributions made over many years who enjoys coming to the club to work and with other members complete projects and running his loco "SIMPLEX"

John has been busy with

- 1 Treasurer
- 2 Assistant treasurer
- 2 All public field days rubbish remover
- 3 Lawn maintenance and works supervisor
- 4 Active worker on many projects including track work
- 5 Organized annual xmas barbeques for many years
- 6 Canteen management – stock purchases, canteen cleanliness, hot chip preparations and canteen laundry.
- 7 Regular attendee at general meetings and public field days
- 8 Regularly runs a 7 1/4" gauge loco

URGENT CALL – PLEASE MEMBERS AND MEMBERS PARTNERS, WE ARE ALWAYS LOOKING FOR EXTRA HELP IN THE CANTEEN. WE DO TAKE IT FOR GRANTED THAT THE CANTEEN LOOKS AFTER US VERY WELL EVERY RUN DAY, SO IF YOU CAN SPARE A DAY OR TWO, THIS TASK WOULD BE MORE ENJOYABLE.

SUNDAY PUBLIC FIELD DAY

6TH DECEMBER 2009

40 members came out to a day of 27 C and all was perfect, where balloons, party hats and birthday cakes were the centre of attention for 5 major birthday parties. It was a good turnout of members with 12 trains in action and 9 boats in the pond.

Margaret Lewis, Jean Clark and Mary Homann were busy in the canteen and Barbara Beal was kept busy handing out Xmas sweets to children.

SASMEE PARK STATION 3 ½" & 5"

John Beal / David Hawkins	0-6-0	Schenectady
Graeme Driscoll	0-6-0, 0-6-0	Kitson Meyer
John Monte	0-4-0	Electric shunters J004 & J005 - double head
Michael Tingay		Heisler
Simon Lindsay	2-8-0	Nigel Gresley #457
Bryan Homann / Peter Homann	2-8-0	T214
Allan Wallace	0-4-0	Juliet
Ian Foster (training)	0-4-0	Tich

Trains were dispatched by station attendant Ainsley Cuthbertson.

MILLSWOOD STATION 5" & 7 ¼"

Bob Nash / Glen Templeman		
/Mitchell Templeman	0-6-0	Koppel
Barry Dunstan	0-4-0	Dolgoch
John Lewis	0-6-0	Simplex
Bert Francis	0-4-0	Harry

Trains were dispatched by Don Awalt, Ian Clark and Mark Coxon.

STEAMHOUSE

Bob Scanlan, John Weidenhofer, Ralph Ollerenshaw and David Eustice kept all the stationary engines in action for the public to see. This was to be the last run prior to the next inspection on the boiler.

BOAT POND

Norm Kernick	- Mira – Steam boat
John Babi	- Atlantic Tug Boat
Stan Shelton	- P.S. Adelaide
John Shelton	- Twister Cruiser, White Star, Cruiser
Bill Weste	- Langdon - Steam Boat
Alan Saunders	- T336 Military class armed trawler
Michael Priest	- Royal Auxiliary Tender
Mary Turner	- Clipper Trawler – Bristol Bay
Gerry Turner	- Aishah 2

John Babi has made a frequency peg board for members who use radio control to turn on their transmitters when they have the peg. **It is important for other members who are on the same frequency to leave their transmitters off, until they have possession of the frequency peg. This will in turn remove any radio interference, it may have caused.**

DECEMBER MEETING NIGHT – ACTIVITY

John Mere gave 36 members a talk about the trains in the Pilbara region. It was surprising to see how large these locomotives are, and the loads they are pulling everyday.

The Rio Iron Ore Rail System is around 1600km, which is a combination of the original Hamersley Iron and Robe River operations. Using 2 ports Dampier And Cape Lambert Respectively,

Yundi trains run to Cape Lambert – 445 kms

West Angelas – 417kms, Hope Downs – 460 kms, Marandoo – 302 kms, Brockman – 280 kms, Parabundoo – 380 kms, Tom Price – 290 kms all run to Dampier. 27 Months ago Rio had 80 off, Dash 9 GE locos, 4400hp, V16, weighing 190 tons Now, 50 off new E.V.O.GE locos, V12, 4400hp.

Rio also replaced 2000 off M class ore cars some originating as far back as 1968. The new C class cars are made ready to run from China.

Presently, there are around 20 loaded trains a day running thru Rosella, that's around 600,000 tons per day.

3 locomotives used to pull a train of 234 cars @ 20tons each and carrying 26,000 tons of ore per load.

2.3 km train lengths

Maximum speed of 80 kph in certain places however majority is 70 kph.

100 litres of diesel per minute

1 train passing Rosella every ½ hour

ADVERTISER TOUR

15TH DECEMBER 2009

20 Members were given a very informative and very interesting tour. We were guided by Gavin Thrum and Michael Roberts, they showed us all the latest technology used in the making of our daily paper. THE ADVERTISER

- The state of the art plate imaging equipment, 110 plates per hour
- The use of automated guide vehicles
- Printing presses which are able to print 22 copies per second (80,000 copies per hour)
- Automated inserting, bundling and distribution to 12 loading bays using laser barcode readers.

The Advertiser uses

20 8,000 high grade aluminium printing plates per week

21 Around 950 tonnes of newsprint per week, cost in excess \$1,000,000 per week

22 8 tonnes of black ink

23 8 tonnes of cyan, magenta & yellow

24 100 to 200 pallets per week of glossy inserts

25 1 reel sheet is 12.5km long (city to bay)

26 over 300 tonnes of waste per week and all inks and paper are recycled
To finish off, think about how much you read the pages with colour, compared to the black and white. (the colour is put in for you to look at the pictures, rather than read the writing)

A special thanks to Gavin Thrum and Michael Roberts for this tour, it made us appreciate the effort needed for the paper everyday.

XMAS BARBEQUE PLAY NIGHT

19TH DECEMBER 2009

Around 100 people (members and families) turned out to absolutely perfect weather for playing with our boats and trains into the late hours of the night. It was good to see so many people volunteer to help in all areas to make the evening even more enjoyable.

A special thank you to Gavin Thrum for the use of the Advertiser barbeque.

SASMEE PARK STATION 3 ½" & 5"

Allan Wallace	0-4-0	Juliet
John Beal / David Hawkins	0-6-0	Schenectady
Graeme Driscoll		German p/type V8
Brad Cottle / Ben Cottle	0-4-0	d/h electric shunters #49 & #53
Bob Smith	2-4-0	LNER
David Walton		Tram #1312

Ian Thomas / Andrew Thomas

/ Karen Cooper

0-4-0

Electric shunter

Another new electric train on the 5" tracks for Ian Thomas, (no name yet) and I'm sure it will travel many kilometres in it's life.

MILLSWOOD STATION 5" & 7 ¼"

Barry Dunstan 0-4-0 Motor inspection car

Brenton Dicker 0-4-0 Shorty 12

Cameron Dicker 0-4-0 Shorty 10

BOAT POND

John Babi - Super work Tug Boat

Stan Shelton - Paddlesteamer – Adelaide

David Chaplin / Nick Chaplin - Zigzags

Annita Chaplin / Angela Chaplin – Pro boat, Reef racer

SUNDAY PUBLIC FIELD DAY

3RD JANUARY 2010

34 members came out today with glorious weather and all helped in all ways to make the run day a successful one as one would say. With 8 loco's in SASMEE station, 5 loco's in MILLSWOOD station and 8 boaties at the pond, it wasn't hard to see why everyone was having a good time enjoying their hobby and all ran well all afternoon.

The canteen girls, Jean Clark, Margaret Lewis and Margaret Homann were kept busy with 5 birthday parties requesting extra supplies and the public enjoying an ice cream or two.

STEAMHOUSE

Bob Scanlan, John Weidenhofer,

SASMEE PARK STATION 3 ½" & 5"

John Beal / David Hawkins 0-6-0 Schenectady

Bryan Homann 2-8-0 T214

Allan Wallace 0-4-0 Juliet

Peter Hoyer 2-8-2 D&RGW Mudhen #453

Graeme Driscoll 0-6-0, 0-6-0 Kitson Meyer

John Mere 4-8-4 500 class #509

Bob Smith / Ainsley Cuthbertson 700 class #702

Trains were dispatched by Mark Coxon.

MILLSWOOD STATION 5" & 7 ¼"

John Lewis 0-6-0 Simplex

Bert Francis 0-4-0 Harry Contd.

Barry Dunstan	0-4-0	Dolgoch
Bob Nash / Glen Templeman		
/ Mitchell Templeman	0-6-0	Koppel
Bill Coles	0-4-0	Wren

Trains were dispatched by Ian Clark.

BOAT POND

Michael Priest	- Corvette HMAS Gardenia
Norm Kernick	- Thames launch, Mira
John Babi	- Super Work Tug Boat
Stan Shelton	- Adelaide - Paddlesteamer
Bill Weste	- Langdon - Steam Boat
Bob Smith	- HMAS Vendetta
Malcolm Ambler	- Steam Boat
	- Speed Boat
John Shelton	- Launch, Thunderbolt
	2010 Fishing boat, White Star

NEW ZEALAND CONVENTION

6TH – 10TH JANUARY

John and Jackie Monte while holidaying in New Zealand also attended the biannual convention Steam & Cinders 2010 held in NELSON on the south island. It was pleasing to see that they were greeted with open arms and it didn't take very long for fellow aussies to be recognised. The atmosphere was very relaxed and it wasn't long before John Monte was driving a loco around the track and being involved like any other driver at the convention. John and Jackie Monte enjoyed the great hospitality and friendship and also recommends anyone to attending their future conventions. I'm sure one of the magazines will have quite a write up about the convention.

250 people registered

40 off 7 ¼" locos

28 off 5" locos

13 off 3 ½" locos

8 off traction engines

TUESDAY PLAY NIGHT

11TH JANUARY 2010

57 Members and visitors came out on our annual play night. There were members from Penfield Model Engineers, Morphett Vale Railway and Adelaide Miniature Steam Railway Society. It was good to see everyone enjoying the evening with several loco's and the boat pond in full swing as well as the socialising. Great camaraderie.

SATURDAY PUBLIC FIELD DAY

16TH JANUARY 2010

On a perfect day of 27 degrees, 32 members showed up and were kept very busy with 6 large birthday parties and several small parties. Jean Clark, Margaret Lewis, and Jill Smith were inundated with orders and it is a credit to the ladies, that all ran very smoothly and organised.

STEAMHOUSE

Bob Scanlan, John Weidenhofer, Ralph Ollerenshaw

SASMEE PARK STATION 3 ½" & 5"

Allan Wallace	4-6-0	Black five
Ian Foster	0-4-0	Tich
Michael Tingay		Heisler
John Beal / David Hawkins	0-6-0	Schenectady
Bryan Homann	2-8-0	T214
Brad Cottle / Ben Cottle	4-4-0	Virginia

Trains were dispatched by station attendants Ainsley Cuthbertson.

MILLSWOOD STATION 5" & 7 ¼"

Barry Dunstan	0-4-0	Dolgoch
Graeme Driscoll		4 Truck Shay
John Lewis	0-6-0	Simplex
Bert Francis / John Daly	0-4-0	Harry

Trains were dispatched by Milton Smith and Jeff Schaefer.

BOAT POND

Michael Priest	- R.N. Aux. Loyal Helper	
Stan Shelton	- Adelaide - Paddlesteamer	
	- Yacht , White	
John Babi	- Small Speed Boat	
	- Super Work Tug Boat	
John Shelton	- Launch, Thunderbolt	
	- Fishing boat, White Star	Cont,d
Norm Kernick	- Thames launch, Mira	

Bob Smith

- Port New Plymouth, cargo ship
- Tug, Weather Cock
- M.T.B. P1011

MANCHESTER, U.K. FEBRUARY 2010

Allan Wallace on his recent trip overseas had paid visit to Urmston Districts Model Engineering Society UDMES. This is the home club of one of my hosts, Don Ashton, who is an authority on valve gears. The club has 670 metres of raised track in a public park, and runs every Sunday. Allan was made especially welcome and even had the privilege to drive a 5" gauge Black Five, at about zero degrees.

MORPHETT VALE RAILWAY PLAY DAY

SATURDAY 6TH FEBRUARY 2010

11 members enjoyed a day of play, running in the reverse direction and it didn't take very long to find out, that it was a steeper gradient the other way. The hospitality given was great and the food was excellent to enjoy a day's social gathering.

Bob Nash had his new Berkshire, Barry Dunstan had his Motor inspection car, Ian Thomas had his Diesel #4, and the Dicker family with Shorty's. Thanks Morphett Vale Railway for the good day out.

SUNDAY PUBLIC FIELD DAY

7TH FEBRUARY 2010

On a day with expected temperatures of 35 degrees C, there was a good turn out of 41 members and all helped in all ways to make the run day a successful one as the temperature was up and all were trying to keep cool.

There were 7 major birthday parties keeping all the stations full for passengers and keeping the drivers busy.

The canteen girls, Jean Clark, Mary Homann, Sandy Mottram and Jackie Monte were kept busy and cool under the air conditioning all afternoon.

STEAMHOUSE

Bob Scanlan, John Weidenhofer, Ralph Ollerenshaw, Mark Hamilton and David Eustice

Mark Hamilton – 3 off Burrell road locomotives on show,

The President, Earl Beatty, Showman engine Britannia.

SASMEE PARK STATION 3 ½" & 5"

John Beal / David Hawkins	0-6-0	Schenectady
John Monte	0-4-0	Electric shunters J004, J005 d/h
Bryan Homann	2-8-0	#456
John Mere / Bob Smith	4-8-4	500 class #509
Michael Moyse		Bud car
Graeme Driscoll	0-6-0, 0-6-0	Kitson Meyer

Trains were dispatched by Don Awalt & Ian Foster

MILLSWOOD STATION 5" & 7 ¼"

Bert Francis / John Daly	0-4-0	Harry
Glen Templeman / Mitchell Templeman	0-6-0	Koppel

Trains were dispatched by Andrew Mottram.

BOAT POND

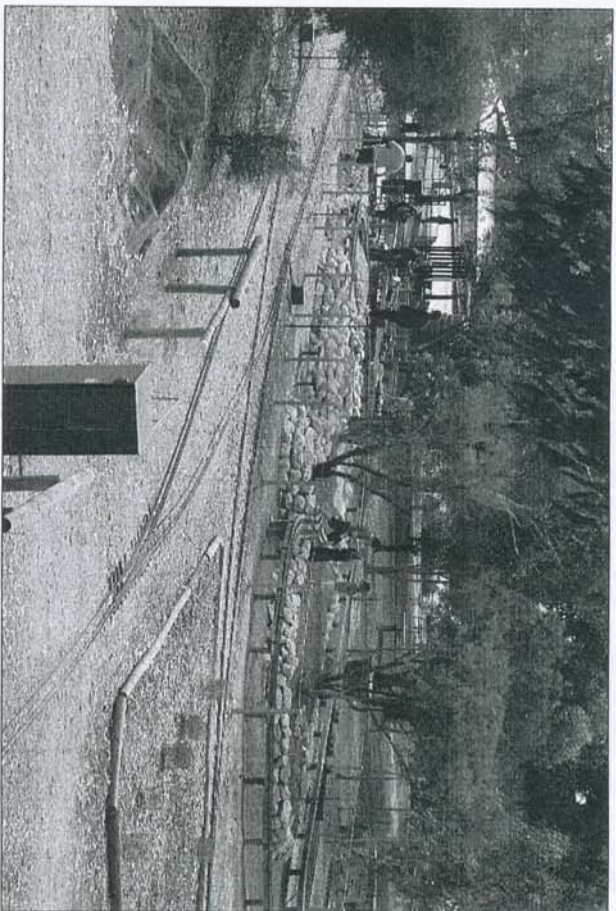
Michael Priest	- Hanson Bay
Stan Shelton	- Adelaide - Paddlesteamer
Bill Weste	- Langdon - Steam Boat
Bob Smith	- Port New Plymouth, cargo ship
	- Motor torpedo boat
Malcolm Ambler	- Cabin cruiser
	- Swiss barge
Mary Turner	- Clipper Trawler – Bristol Bay
Gerry Turner	- Aishah 2
Alan Saunders	- Bendigo, Bathurst class corvette
John Shelton	- White Star cruiser
	- Turbo 2 cruiser
	- Sea Twister
John Babi	- Tug boat, Atlantic
	- Mini speedboat

FEBRUARY MEETING NIGHT

43 Members showed up on a very hot evening where John Lewis was presented with life membership and followed on with 2 dvd's

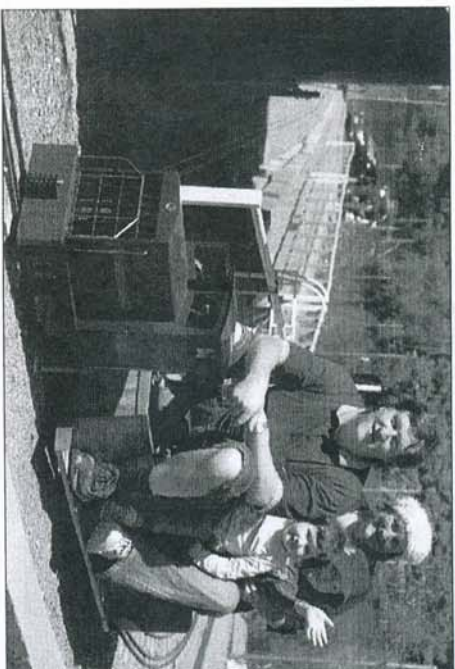
- Barry Dunstan made a dvd about Morphett Vale Railway play day on 6th February where 11 members attended and enjoyed the day running their trains in the opposite direction. Everyone appreciated the hospitality and a good time was had by all.

- David Walton made a dvd about SASMEE and showed a different angle of how a run day looked and also how a full size steamer came out of our tunnel, quite amusing and it was enjoyed by all.

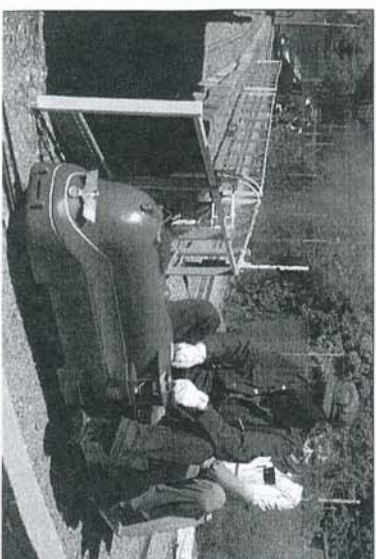
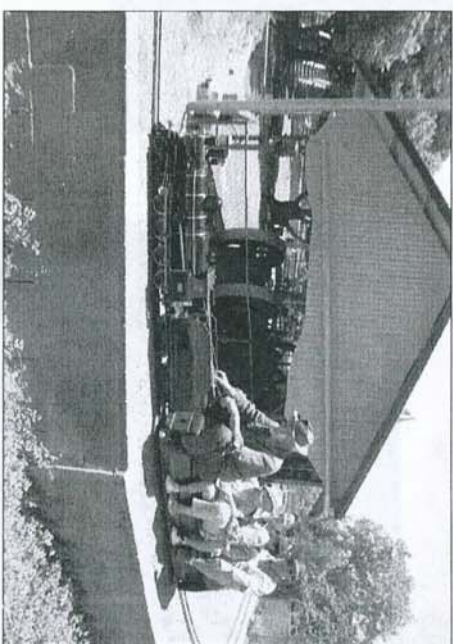


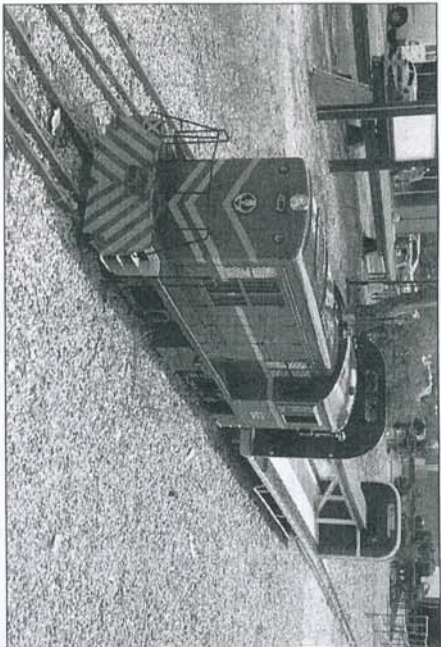
Penfield's station exit area.

Brad Cottles make up at Penfield.



Scenes from the recent
SASMEE xmas party.

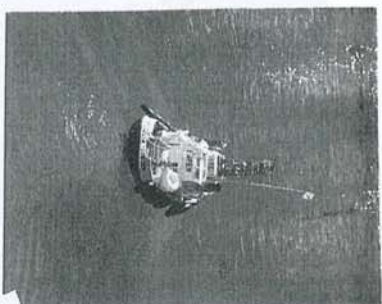




Locos at Penfield.

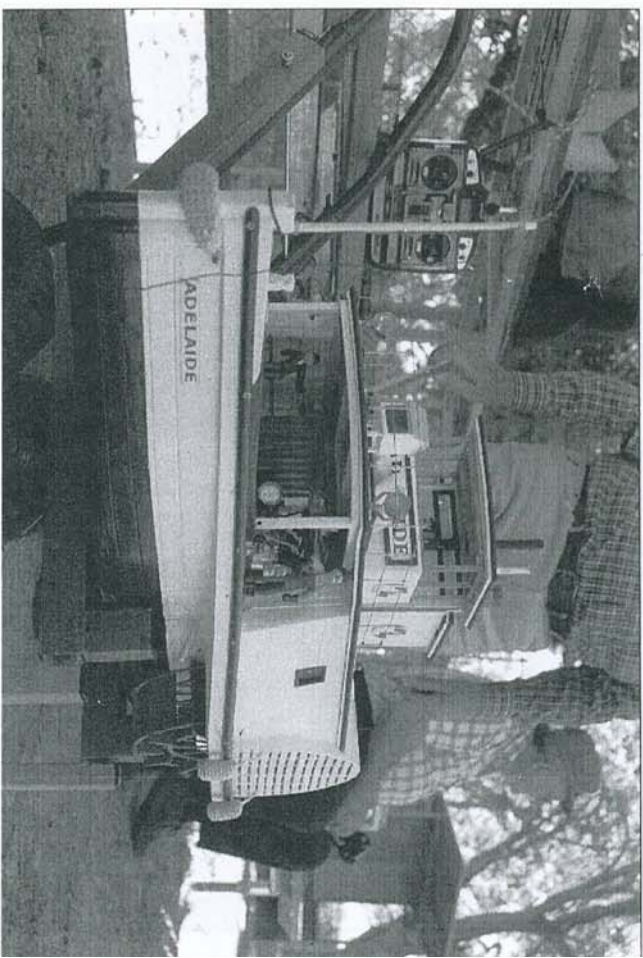


Boats at SASMEE.



John Lewis receiving his Life Membership from the President, John Monte.

Stan Shelton's paddle boat, ADELAIDE.



SATURDAY PUBLIC FIELD DAY

20TH FEBRUARY 2010

On a day with expected temperatures of around 37 degrees C, SASMEE was hit with a fire ban which meant no steam loco's were allowed to light a fire. It was good to see all the members which would normally run steam, come out and give a hand wherever it was needed and it showed of the great club spirit there is between members. It also shows how good these electric loco's are becoming, to be able to run in extreme heat and reliable too.

Jean Clark, Margaret Lewis and Dorothy Ambler kept the canteen cool with 6 major birthday parties and helped all customers cool down with an ice cream or two.

STEAMHOUSE

Bob Scanlan, John Weidenhofer, Ralph Ollerenshaw

SASMEE PARK STATION 3 ½" & 5"

Malcolm Ambler / Bob Smith

N.S.W. class D/E #42215

John Monte / Ainsley Cuthbertson 0-4-0

Electric shunters J004 & J005
double head

Trains were dispatched by station attendants Ainsley Cuthbertson, Graeme Driscoll and Michael Tingay.

MILLSWOOD STATION 5" & 7 ¼"

Ian Thomas / Ian Foster

0-6-0

Hunslet # 4

Trains were dispatched by Ian Foster, Allan Wallace and David Hawkins.

BOAT POND

Michael Priest

- Hanson Bay

Stan Shelton

- Adelaide - Paddlesteamer

John Babi

- Mini Sport boat

- Work boat Tug Boat

John Shelton

- Turbo 2 Cruiser

- Speedboat Twister

- White Star Cruiser

Bob Smith

- Port New Plymouth, Cargo Boat

- Motor Torpedo Boat

Barry Dunstan

- Tomar, Tugboat

FOR SALE

7 1/4" – 4 TRUCK SHAY

SEE GRAEME DRISCOLL FOR FURTHER DETAILS

PH 8276 9387

FOR SALE. Contact

Doc Wescombe-Down Ph 8271 3066 or d.wd@bigpond.com

Model RC ship, WW2 standoff cruiser HMS Sheffield, 1200mm long, seaplane installed, fresh paint, new sealed battery, ballasted, RC gear included.

\$325.00

Model RC Ship, Thames Tug 1200 x 300 x 475 12 pole motor, fresh paint, detailed including crew, new sealed battery RC gear included.

\$440.00

Wood / plastics lathe, 240 volt single phase, british Thompson- Houston solid build, 1/4 hp 390 x 140mm bed. With grinding wheel and 7 pce tool set all on mobile storage bench fitted with casters.

\$150.00

Office divider panels 9 off, good quality 2065 x 900 x 70, lined light gery/blue and come with panel connector fittings – handy to section off the workshop, entertainment area, barbeque etc.

\$130.00

DATES TO REMEMBER

MARCH 20TH

SATURDAY PUBLIC FIELD DAY

APRIL 2ND – 5TH

54TH A.A.L.S. CONVENTION – WARNER

QUEENSLAND

APRIL 4TH

SUNDAY PUBLIC FIELD DAY

APRIL 17TH

SATURDAY PUBLIC FIELD DAY

MAY 2ND

SUNDAY PUBLIC FIELD DAY

MAY 15TH

SATURDAY PUBLIC FIELD DAY

JUNE 6TH

SUNDAY PUBLIC FIELD DAY

JUNE 19TH

SATURDAY PUBLIC FIELD DAY

EVERY WEDNESDAY WORKING BEE

9-00am ONWARDS

EVERY SATURDAY WORKING BEE

1-00pm ONWARDS

I saw this in the Galston Valley News with a modification.

SOMEONE ELSE

Duty day at SASMEE, Not for me, SOMEONE ELSE has the key.

Put on the power, not for me, SOMEONE ELSE has the key.

Unlock the traverser, not for me, SOMEONE ELSE has the key.

What, unload my gear, SOMEONE ELSE should volunteer.

After a day with all my friends and reli's, I need SOMEONE ELSE to pack up my gear, as for my rubbish, SOMEONE ELSE can pick it up, put out the garbage and clean up.

What's this I see? A clean up day at SASMEE that's for SOMEONE ELSE not for me, I am a MODEL ENGINEER with a badge for all to see.

I would have signed this letter, but SOMEONE ELSE wrote it.

AT THE POND

There has been recent works carried out to help the boat operators.

Concreting the floor in the new shelter.

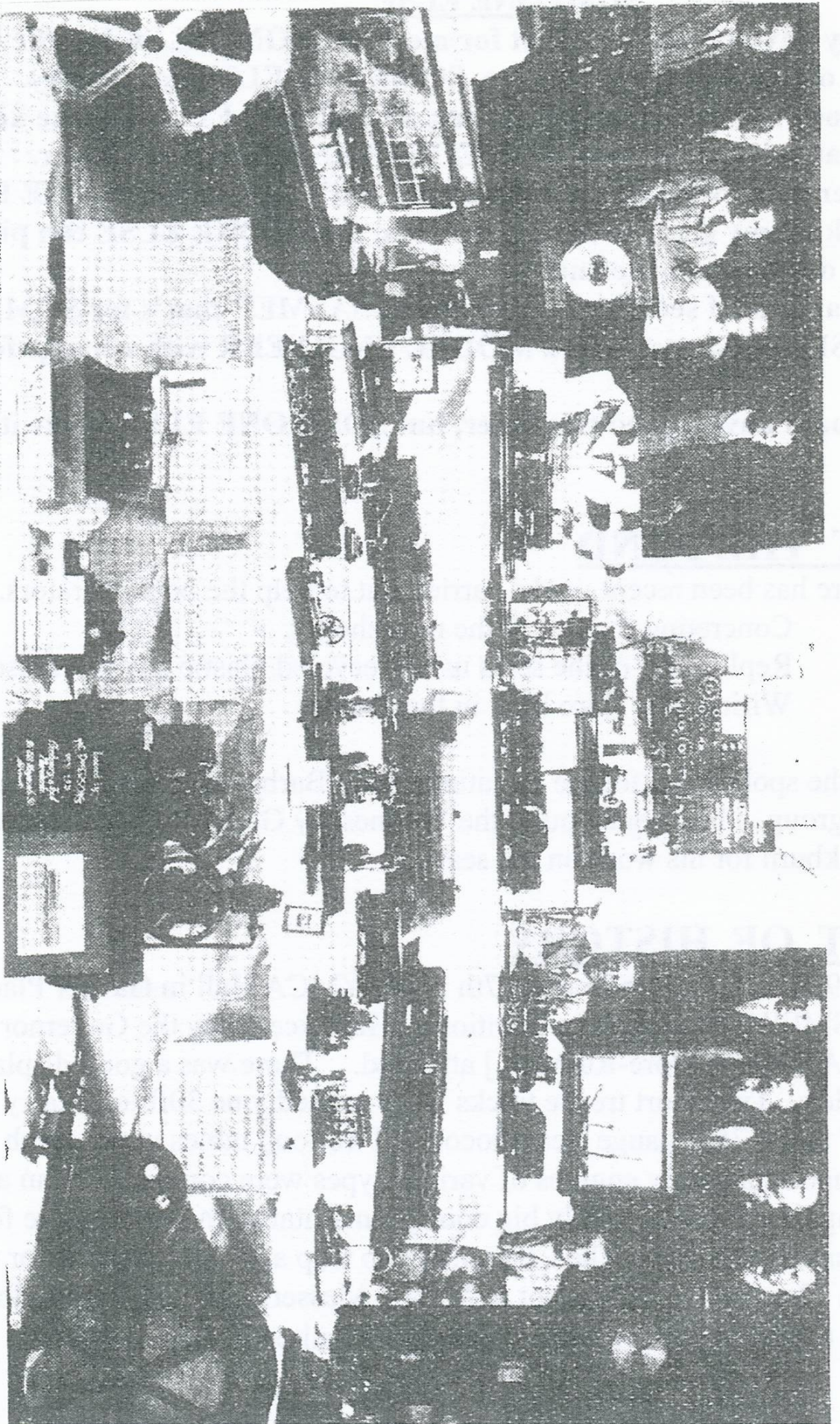
Replanking of the seats using recycled plastic and galvanised frames.

Wiring up a fluoro light in the shelter.

As the spokesman for the "Boaties", John Barbi has expressed, on behalf of the group, a big thank you to the Wednesday Geriatrics and especially Peter Cockburn for his work on the seats.

BIT OF HISTORY

In 1928, on October 26 and 27th in the YMCA Hall in Gawler Place SASMEE held a model exhibition. His Excellency the Governor [Sir Alexander Hore-Ruthven] attended. There was a good display of models. Two short trestle tracks were erected, one 30ft long carry rails for 2.5" and 1.750" gauge steam locos. Two long tables upon which were grouped stationary engines of various types were connected to an air line to a compressor, which hardly big enough, maintained a fair pressure for most of the smaller models. The Championship Cup and Special prize for the best job on a Drummond lathe went to Mr Vic Messer, a 1.750" g Pacific loco. The Club has 75 members. The show resulted in acquiring about 15.



At the First Exhibition given by the Adelaide S.M. & E.E. The models have been grouped close together for photographing.

OTHER THINGS

The Editor, Bill Coles.

I have a bit of an interest in vintage aircraft engines. Mainly their methods of manufacture. In 1908 a french gent by the name of Louis Seguin developed a 7 cylinder radial rotary engine, [The Gnome] dedicated to powering early aircraft As the name implys the cylinders rotated about a stationary crankshaft and had a unique single push rod for each cylinder. This engine was very much in demand as the power to weight ratio of 3.6lb/hp was reflected in its fine engineering refinements. It wasn't cheap at 520 pounds for the 50 HP model. The high costs were reflected in processing,, for example the cylinders, started life as a 67lb solid billet of high grade steel,. took 3 hours to machine and ended up with a wall section of 1.5mm! Due to the high standed of construction it had the distinction of being able to run for 10 hours between overhauls. As development went on 20 hours between overhauls was reached.

Other manufacturers of rotary engines were, Le Rhone 1912 and Clerget 1911. The Clerget, devised by Pierre Clerget was a step toward conventional inlet and exhaust valves being both pushrod operated. Toward the end of the first world war Cleget succeeded in bringing engines approaching 200HP. With outbreak of war W.O. Bentley was installed by the Admiralty into the design department of Gwynnes. The Gwynnes-built Clerget engines were being used by the Royal Naval Air Service He was later moved to the Humber Works in Coventry [due to politics] and was commissioned to develop a new rotary. The ultimate out come was the apogee of the rotary, the 200HP Bentley BR2. At 25.3 litres and developing a maximum of 230HP problems arose with the breathing problem of filling the cylinders of this large engine through the allowable size of the hole through the crankshaft. Hence rotaries had a rather low rpm value of 1200 to 1300. This breathing problem restricted further development of rotaries. The developoment of inline and "V" formation engines took over.

Some figures may be of interest relating to the Bentley.

The flying duration was limited to 3 hours, the restriction being how much fuel and oil one could carry and return home. Fuel consumption per hour.168pints. Oil consumption [caster] 18 pints [total loss system] It had a dual magneto system running at 2 1/4 times engine speed thus giving a firing order of 1 3 5 7 0 2 4 6 8 . [0 being the 9th cylinder as numbered.]

Machining of components in those days must seem challenging, but they thought that they had the best equipment available at the time. The crankcase started as a lump of metal weighting 112 pounds. After machining had been completed it weighted only 28 pounds. Similarly, each detachable cylinder head was machined from a solid 20lb block of steel, and after 50 machining operations weighted in at only 5lbs 5ozs

The production of rotary egines for the British forces ranged from 46 in 1914 to 10,090 in 1918 for a total of 19,295.

SASMEE OFFICE BEARERS

2009---2010

PRESIDENT: JOHN MONTRODORISIO. 0409 838 494

VICE PRESIDENT: JEFF SCHAEFER. 8298 6927

SECRETARY: IAN CLARK. 8293 6537

EMAIL ijclark@internode.on.net

MINUTE SECRETARY: JOHN BEAL. 8297 2314

TREASURER: RALPH OLLERENSHAW. 8379 0998

ASS. TREASURER: MICHAEL TINGAY. 8294 8914

COMMITTEE: DON AWALT. 8376 0391

JOHN WEIDENHOFER. 8536 2813

ALEX MITROPOULOS. 8339 4974

SIMON LINDSAY. 8268 5420

[0416 259 996]

AUDITORS: MICHAEL MOYSE.

GRAHAM GAETJENS.

LIBRARIANS: JOHN DAVEY

BILL COLES.

BOILER INSPECTORS: BILL COLES. 8296 2167

JOHN LEVERS 8536 0135

JOHN MONTE. [T] 0414 838 408

BRYAN HOMANN. [T] 8390 1925

CANTEEN MANAGEMENT: EXECUTIVE COMMITTEE.

VICE PATRON: J. BERNARD DICKINSON.

B.A. CPEng. FIE Aust. FI MAR. EST

SASMEE "BULLETIN" BILL COLES [editor]

4 Clovelly Ave Hove 5048

8296 2167

Email: bjhove@internode.on.net

SASMEE MAIL: PO BOX 208 GOODWOOD, SA. 5034